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500.42919X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. MAEDA, et al

Serial No.: 10/614,117

Filed: July 8, 2003

For: COMMUNICATION TERMINAL AND COMMUNICATION  
SYSTEM

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 16, 2006

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the document and the following remarks.

**JP 09-284210** discloses when wireless communication condition is bad and need to decrease the information amount to the at most, then information of figure is nullified, and only character information is converted into font information (such as ASCII code). [paragraph 0059].

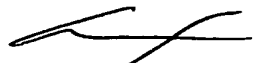
**JP 2002-271530** discloses to convert voice information into character information, and image information into voice information [paragraph 0047].

None of the cited references disclose to detect communication error rate at each time period after started signal transmission, and to switch communication method in accordance with detected communication error rate and to notify the switching as in the present invention.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

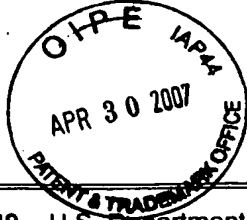
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.42919X00) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc  
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MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



SHEET 1 OF 1

FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

500.42919X00

10/614,117

APPLICANT

K. MAEDA, et al

FILING DATE

July 8, 2003

GROUP

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
	2002	0	8	4	5	1	8		02/02	Japan			XX	
	2002	2	7	1	5	3	0		9/02	Japan			XX	
	2001	1	6	8	9	6	1		6/01	Japan			XX	
	0	9	2	8	4	2	1	0	10/97	Japan			XX	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])